

INTERNATIONAL SEARCH REPORT

Inter Application No
PCT/US 00/30475

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/28 H04M7/00 H04L12/64 H04L12/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99 05590 A (HARBISON ROBERT W ;LO MING C (US); STARVOX INC (US); BARRY RICHARD) 4 February 1999 (1999-02-04) page 4, line 5 - line 10 page 38, line 1 - line 7 page 44, line 1 - line 8 page 54, line 1 - line 30 claims 20,21	1-4
Y	EP 0 848 560 A (ROLM SYSTEMS) 17 June 1998 (1998-06-17) abstract figures 1-3 column 4, line 28 - line 30	1-4



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

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 "O" document referring to an oral disclosure, use, exhibition or other means
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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search

14 March 2001

Date of mailing of the international search report

21/03/2001

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Information on patent family members

Inten if Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9905590 A	04-02-1999	AU 8576798 A EP 1021757 A	16-02-1999 26-07-2000
EP 0848560 A	17-06-1998	US 5898668 A	27-04-1999